I.   CLAIMS

Please amend the claims as follows and replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A method for providing client-side indexing and navigation of video data, comprising the steps of:

opening a main connection for a client-side device to receive receiving transmissions of a data flow, wherein said data flow is not indexed;

opening a second connection for the client-side device to receive for transmission of at least one look-x data stream comprising a plurality of data from said data flow, wherein said plurality of data is not indexed;

indexing with the client-side device at least one point of the look-x data stream to at least one corresponding point in said data flow, wherein said indexing step with the client-side device further comprises selecting at least one look-x point for display to represent the at least one corresponding point in said data flow at a particular timeframe in the data flow; and

providing control of a playback position of said data flow based on the indexed points in the look-x data stream.

2. (Original) The method of claim 1, further comprising the step of:

displaying a timeline corresponding to the indexed look-x points, the timeline having at least one of said indexed look-x points displayed so as to reference a position on said timeline.

3. (Original) The method of claim 1, wherein said step of providing control includes the step of:

displaying at least one of a skip forward and a skip back button configured to step a play position of said data flow to a position corresponding to a respective one of a next and a previous of said look-x data points relative to the current play position of said data flow.

4. (Original) The method of claim 1, further comprising the steps of:

displaying a timeline having representations of the indexed points;

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selecting at least one of the indexed points; and

displaying said data flow at a point beginning with the selected indexed point.

5. (Original) The method of claim 1, wherein said data flow is a video and said look-x points are frames of said data flow retrieved from one of said main connection and said second connection.

6. (Original) The method of claim 1, wherein said second connection is a low resolution connection relative to the main connection.

7. (Original) The method of claim 1, further comprising the step of:

selecting a predetermined number of said indexed look-x points;

displaying the predetermined number of indexed points to provide reference for a playback control mechanism; and

updating the selected predetermined number of indexed look-x points based on an update criteria.

8. (Original) The method of claim 7, wherein said step of selecting includes the step of:

selecting said predetermined number of look-x points such that each of the look-x points is within a predetermined distance of a first play position of said data flow.

9. (Original) The method of claim 7, wherein said update criteria comprises a change of the playback position a predetermined amount from the first play position during the selection step.

10. (Currently Amended) A device for client-side video indexing, comprising:

a video player comprising:

a client-side main data stream connection for receiving transmissions of a non-indexed data flow;

a client-side look-x data stream connection for receiving at least one non-indexed look-x data transmission[[s]] of the data flow; [[and]]

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a client-side controller adapted to index for indexing at least one look-x point of the look-x data stream to a corresponding at least one point in said data flow by summarizing the look-x data stream and generating for display the at least one look-x point to the corresponding at least one point in said data flow; and

a display for displaying at least one of the indexed look-x points.

11. (Original) The device of claim 10, wherein the video player further comprises:

a skip forward button and a skip back button that each step a play position of said data stream to a respective one of a next and a previous of said look-x points relative to the current play position of said data stream.

12. (Currently amended) The device of claim 10, wherein the display further comprises display[[s]] of a timeline referenced to the data flow and at least one of said indexed look-x points, the indexed look-x points each displayed so as to reference a position on said timeline.

13. (Currently amended) The device of claim 10, wherein the video player device further comprises:

a select button for providing allowing a user the capability to select at least one of the indexed look-x points enabling display of the data flow to begin at the selected indexed point.

14. (Original) The device of claim 10, wherein said look-x data stream connection is a low resolution data stream relative to the main data stream connection.

15. (Currently amended) A method for providing client-side navigating and indexing of video data, comprising the steps of:

opening a client-side main connection for receiving a video stream transmissions of a data flow containing video data without an existing index;

opening a client-side second connection for receiving transmission of at least one look-x data stream without an existing index, said look-x stream comprising look-x data from said data flow video stream;

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~~in response to opening the first connection,~~ generating <u>on the client-side an</u> ~~a new~~ index, the [[new]] index ~~relating~~ <u>comprising</u> at least one <u>look-x data</u> point <u>and relating said at least one look-x data point</u> ~~of the look-x data stream~~ to at least one corresponding point in said data flow; and

providing control of a playback position of said data flow based on <u>at least one user-selected look-x data point corresponding to at least one of</u> the indexed points in the look-x data stream.

16. (New) A method for indexing and navigating a video stream, the method comprising:

opening a client-side connection to receive a main video stream;

opening at least another client-side connection to receive at least one look-x data stream of the main video stream;

generating at least one keyframe at the client side that references at least one corresponding point in the main video stream;

displaying the at least one keyframe to a user;

providing control of a playback position of said main video stream based on the at least one keyframe that references the at least one corresponding point in the main video stream; and

updating the generating and displaying steps to keep pace with a general speed of playback of the main video stream.

17. (New) The method as in claim 16 wherein the updating step is performed in at least one of real time and continuously.

18. (New) The method as in claim 16 further comprising using the look-x data stream to feed playback positions continuously at pre-determined intervals forward and reverse of a current playback position of the main video stream; and the generating step further comprises generating low resolution moving snaps near the current playback position of the main video stream.